

AMENDMENT under 37 C.F.R. § 1.111
U.S. Appl. No. 09/750,386

IN THE SPECIFICATION:

Please replace the two paragraphs beginning on line 13 of page 7 and ending on line 3 of page 8 with the following two amended paragraphs:

Signal processing module 50 may optionally comprise a filter 57 that may be used to further select a portion of subtracted signal 52. For example, filter 57 may be used to select the frequency range (e.g., bandwidth) of subtracted signal ~~[[59]]~~ 52 that is desired or of interest. More particularly, subtracted signal ~~[[59]]~~ 52 may comprise components having frequencies that are higher or lower than the center frequency, f_c , of interest. This may be due to such factors as system noise or other RF transmissions that have frequencies close to the frequency of the carrier signal intended for portable device 10.

Accordingly, filter 57 may be used to filter out or remove the portion of subtracted signal ~~[[59]]~~ 52 that is not associated with the encoded information of IF signal 55 or RF signal 15 (see FIG. 1). Thus, filter 57 may optionally be used to provide a filtered signal 59. As explained below, in this particular embodiment, although the scope of the present invention is not limited in this respect, signal processing module 50 generates feedback signal 53 so that the difference between IF signal 55 and feedback signal 53 over at least a portion of the bandwidth of filtered signal 59 is reduced.